

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) An assembly of interlaced rods, suitable for use as embedded reinforcement in matrix materials, comprising first, second and third layers of rods,

the rods of each layer being orientated generally parallel to one another,

the second layer being located between the first and third layers,

the rods of the first and third layers being longitudinally orientated in the same direction, with those of the second layer being longitudinally orientated generally at right angles thereto,

the rods of the first and third layers being paired such that each  $n$ th rod of the first layer, herein designated rod  $n_1$ , is paired with the  $n$ th rod of the third layer, herein designated rod  $n_3$ ,

paired rods of the first and third layers being drawn together under tension by a flexible filament wound between them in a series of runs spaced along the length of the rods of the first and third layers, each such run extending transversely to the longitudinal orientation of the rods,

rods of the second layer being located generally parallel to and between adjacent transverse runs of filament,

each such transverse run of filament comprising a forward and reverse sinusoidal winding which interlaces rods of the first and third layers,

the forward sinusoidal winding following the pattern: rod  $1_1 \rightarrow 2_3 \rightarrow 3_1 \rightarrow 4_3 \rightarrow \dots$  and then continuing in the reverse sinusoidal winding pattern:  $\dots 4_1 \rightarrow 3_3 \rightarrow 2_1 \rightarrow 1_3$ , whereby each pair of rods  $n_1$  and  $n_3$  in the first and third layers is enclosed by and drawn together by a loop of filament formed by the forward and reverse winding patterns.

2. (Original) A rod assembly as claimed in claim 1 wherein a single rod of the second layer is located between any adjacent pair of transverse runs of filament.

3. (Original) A rod assembly as claimed in claim 1 wherein more than one rod of the second layer is located between at least one adjacent pair of transverse runs of filament.

4. (Currently Amended) A rod assembly as claimed in ~~any of the preceding claims~~ claim 1 wherein each transverse run is formed by one continuously wound filament.

5. (Currently Amended) A rod assembly as claimed in ~~any of claims~~ claim 1 to 3 wherein all the transverse runs are formed by one and the same continuously wound filament.

6. (Currently Amended) A rod assembly as claimed in ~~any of the preceding claims~~ claim 1 wherein the filament is in the form of a wire, a monofilament, or a multifilament string or rope.

7. (Currently Amended) A rod assembly as claimed in ~~any of claims~~ claim 1 to 5 wherein the filament comprises carbon fibre.

8. (Currently Amended) A rod assembly as claimed in ~~any of the preceding claims~~ claim 1 wherein at least some of the rods are of steel or of fibre-filled resin.

9. (Currently Amended) A rod assembly as claimed in ~~any of claims~~ claim 1-7 wherein at least some of the rods are of glass fibre-filled resin.

10. (Currently Amended) A rod assembly as claimed in ~~any of the preceding claims~~ claim 1 which is embedded in matrix material.

11. (Original) A rod assembly embedded in matrix material as claimed in claim 10 wherein the matrix material is a synthetic polymer.

12. (Currently Amended) A rod assembly embedded in matrix material as claimed in claim 10 ~~or claim 11~~ wherein the matrix material has additional plate or rod reinforcement embedded or partially therein in spaced or contiguous layered relationship to the rod assembly.

13. (Currently Amended) A rod assembly embedded in matrix material as claimed in ~~any of claims~~ claim 10 to 12 wherein the matrix has a flexible sheet material embedded or

partially embedded therein in spaced or contiguous layered relationship to the rod assembly.

14. (Original) A rod assembly embedded in matrix material as claimed in claim 13 wherein the flexible sheet material is a woven mat of aramid fibre.

15. (Currently Amended) A rod assembly embedded in matrix material as claimed in ~~any of claims~~ claim 10 ~~to 14~~ which is laminated as a backing to blast- or ballistic impact-resistant armour.

16. (Currently Amended) A rod assembly embedded in matrix material as claimed in ~~any of claims~~ claim 10 ~~to 14~~ which is laminated as a backing to blast- or ballistic impact-resistant armour comprising contiguous cells filled with matrix material.

17. (Currently Amended) A rod assembly embedded in matrix material as claimed in ~~any of claims~~ claim 10 ~~to 14~~ which is laminated to a backing mass which crushes or deforms progressively under impact.

18. (Original) A rod assembly embedded in matrix material as claimed in claim 17 wherein the backing mass is a cellular or foamed material.

19. (Currently Amended) A rod assembly embedded in matrix material as claimed in ~~any of claims~~ claim 12 ~~to 18~~ which is in the form of a shaped article.

20. (Currently Amended) A rod assembly embedded in matrix material as claimed in ~~any of claims~~ claim 10 ~~to 18~~ which is in the form of a panel.